Form 9-330

N. M. O. C. C. COPY

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE
SERIAL NUMBER LC069511
LEASE OR PERMIT TO PROSPECT

RECEIVED JUN 29 1961 ... SURVEY ... NEW MEXICO

RECEIVED JUN 30 1961 O. C. C. ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Patoil Corporation Address 605 Midland National Bank Bldg. Midland, Texas

Lessor or Tract Wright Field Wildcat State New Mexico

Well No. 1 Sec. 27 T. 23S R. 31E Meridian N.M.P.M. County Eddy

Location 1980 ft. {N. S.} of sec Line and 660 ft. {E. W.} of sec Line of Sec. 27 Elevation 3398' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [signature]

Date June 26, 1961 Title Production Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling June 9, 1961 Finished drilling June 20, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
7"	23#	8		379'	---	not pulled			surface csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	379'	150 reg, 2% gel plus 2% calcium chloride	circulation		cement circulated to surface

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 4386' T.D. feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing , 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	500	500	Sand and shale.
500	1030	530	Anhydrite w/sand & shale stringers.
1030	2740	1710	Anhydrite w/salt stringers.
2740	3415	675	Banded anhydrite w/lime stringers.
3415	3615	200	Salt with anhydrite.
3615	3710	95	Anhydrite.
3710	4025	315	Salt w/anhydrite stringers.
4025	4259	234	Calcarious anhydrite w/thin lime beds becoming more limey at base.
4259	4288	29	Black Shaley limestone (Lamar).
4288	4364	76	Fine gray sand and shaley sand.
4364	4372	8	Black shale.
4372	4386	14	Shaley sand.

FOLD | MARK

16—43094-3

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.